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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR     | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|--------------------------|---------------------|------------------|
| 09/664,479      | 09/18/2000  | Robert Ellis Chapman JR. | YOR920000632US1     | 4711             |

7590 02/11/2004

Louis J Percello  
Intellectual Property Law Dept  
IBM Corporation  
P O Box 218  
Yorktown Heights, NY 10598

| EXAMINER |
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NGUYEN, TU X

| ART UNIT | PAPER NUMBER |
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2684

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DATE MAILED: 02/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/664,479

Applicant(s)

CHAPMAN ET AL.

Examiner

Tu X Nguyen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 04 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 9-12 is/are pending in the application.
- 4a) Of the above claim(s) 3-8 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 9-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Response to Amendment***

1. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.
2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2 and 9-12, are rejected under 35 U.S.C. 103(a) as being unpatentable over Snelling et al. (US Patent 6,418,131) and further in view of Kung et al. (US Pub. 2003/0133558).

Regarding claims 1 and 11, Snelling et al. disclose a network node device (100) for connecting one or more telephone wirelines to one or more wireless connections, the network node device comprising:

One or more connections to one or more telephone wirelines (see col.2 line 23 through col.3 line 45);

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One or more wireless signal generators supporting one or more wireless connections (see col.7 lines 35-53);

An interconnection switch that makes and breaks one or more interconnections between the telephone wirelines and the respective wireless signal generators (see col.7 lines 35-53); and

A bridge that bridges signals from multiple wireless connections to one or more of the telephone wirelines (see col.7 lines 35-53).

Snelling et al. fail to disclose at least one storage location for storing unique information for each of a plurality of wireless devices, dynamically and selectively connecting/bridge signals from multiple wireless connections to one or more of the telephone wirelines based on stored unique information.

Kung et al. disclose at least one storage location for storing unique information for each of a plurality of wireless devices (see par. 0059); dynamically and selectively connecting/bridge signals from multiple wireless connections to one or more of the telephone wirelines based on stored unique information (see par. 0057, 0059, 0079-0081, 0086-0088). "multiplex/demultiplex" corresponds to "dynamically and selectively" and "customer databases, storage for subscriber configuration" corresponds to "unique information". Therefore, It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Snelling et al. with the above teaching of Kung et al. in order to dynamically routing telephone calls based on call state changes, subscriber configuration.

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Regarding to claim 2, the modified Snelling et al. disclose a verifier that verifies the validity of a request from a wireless device through a wireless connection for the bridging of signals (see Snelling et al., col.13 lines 56-64).

Regarding claims 9-10, the modified Snelling et al. disclose "unique identifier of wireless device" and "unique service information" (see par. 0046, "identity of requesting device" reads on unique of wireless device", "class of service" reads on "unique service information"), service access (see par.0059, "call authorized" reads on "service access").

Regarding claim 12, the modified Snelling et al. disclose deny bridging (inherently) of a wireless connection to one or more telephone wirelines based on said unique service information (see par.059) because there is no call routing if a subscriber information is unauthorized.

### Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is (703) 305-3427. The examiner can normally be reached on Monday through Friday from 8:30 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MAUNG NAY A, can be reached at (703) 308-7749.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center 2600 Customer Service Office at (703) 306-0377.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 872-9314 (Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

TN  
January 14, 2004

NAY MAUNG  
SUPERVISORY PATENT EXAMINER